## WE CLAIM:

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- 1. A method of making a polarizable electrode for an electric double layer capacitor, comprising:
- adding a binder assistant to a binder so that the binder is swollen and mixing a carbonaceous powder, a conductive assistant and thereafter the swollen binder, thereby obtaining a material mixture;

kneading the material mixture into a primary forming 10 material;

forming the primary forming material into a secondary forming material; and

rolling the secondary forming material into a sheet shape.

- 2. A method according to claim 1, wherein the binder assistant is added to the primary forming material and mixed immediately before the secondary forming material is formed.
- 3. A method of making a polarizable electrode for an electricdouble layer capacitor, comprising:
  - a mixing step including a primary mixing in which a carbonaceous powder and a conductive assistant are mixed into a primary mixture and a secondary mixing in which a binder and a binder assistant are added to the primary mixture to be mixed into a material mixture;
  - a kneading step in which the material mixture is kneaded into a primary forming material;
    - a forming step in which the primary forming material is

formed into a secondary forming material; and

a rolling step in which the secondary forming material is rolled into a sheet shape.

- 4. A method according to claim 3, wherein the binder assistant is added to the binder before the secondary mixing so that the binder is swollen.
- 5. A method according to claim 3, wherein the binder assistant is added to the primary forming material and mixed immediately before the secondary forming material is formed.
  - 6. A method according to claim 4, wherein the binder assistant is added to the primary forming material and mixed immediately before the secondary forming material is formed.
    - 7. A method according to claim 1, wherein an amount of the binder assistant added to the binder in the mixing ranges from 70 to 130% of a mass of the binder.

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- 8. A method according to claim 4, wherein an amount of the binder assistant added to the binder in the mixing ranges from 70 to 130% of a mass of the binder.
- 9. A method according to claim 2, wherein an amount of the binder assistant added to the primary forming material ranges from 50 to 100% of a sum total mass of the carbonaceous powder, the conductive assistant and the binder.

10. A method according to claim 5, wherein an amount of the binder assistant added to the primary forming material ranges from 50 to 100% of a sum total mass of the carbonaceous powder, the conductive assistant and the binder.

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- 11. A method according to claim 2, wherein an amount of the binder assistant added to the binder in the mixing ranges from 70 to 130% of a mass of the binder, and an amount of the binder assistant added to the primary forming material ranges from 50 to 100% of a sum total mass of the carbonaceous powder, the conductive assistant and the binder.
- 12. A method according to claim 5, wherein an amount of the binder assistant added to the binder in the mixing ranges from 70 to 130% of a mass of the binder, and an amount of the binder assistant added to the primary forming material ranges from 50 to 100% of a sum total mass of the carbonaceous powder, the conductive assistant and the binder.
- 20 13. A method according to claim 6, wherein an amount of the binder assistant added to the binder in the mixing ranges from 70 to 130% of a mass of the binder, and an amount of the binder assistant added to the primary forming material ranges from 50 to 100% of a sum total mass of the carbonaceous powder, the conductive assistant and the binder.
  - 14. A method according to claim 1, wherein the material mixture is kneaded by a kneader, and the kneader includes a

portion with which the material mixture is brought into contact during the kneading, and the material mixture is kneaded while a temperature of the portion of the kneader is controlled.

15. A method according to claim 3, wherein the material mixture is kneaded by a kneader, and the kneader includes a portion with which the material mixture is brought into contact during the kneading, and the material mixture is kneaded while a temperature of the portion of the kneader is controlled.

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- 16. A method according to claim 11, wherein the material mixture is kneaded by a kneader, and the kneader includes a portion with which the material mixture is brought into contact during the kneading, and the material mixture is kneaded while a temperature of the portion of the kneader is controlled.
- 17. A method according to claim 13, wherein the material mixture is kneaded by a kneader, and the kneader includes a portion with which the material mixture is brought into contact during the kneading, and the material mixture is kneaded while a temperature of the portion of the kneader is controlled.
- 18. A method according to claim 2, wherein the primary forming material added with the binder assistant is mixed in a closed container.
  - 19. A method according to claim 5, wherein the primary forming material added with the binder assistant is mixed in a

closed container.

- 20. A method according to claim 16, wherein the primary forming material added with the binder assistant is mixed in a closed container.
  - 21. A method according to claim 17, wherein the primary forming material added with the binder assistant is mixed in a closed container.